

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4777881
<b>Application Number:</b>	10810442
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8969
<b>Title of Invention:</b>	Method and system for increased bandwidth efficiency in multiple input - multiple output channels
<b>First Named Inventor/Applicant Name:</b>	John W. Ketchum
<b>Customer Number:</b>	23696
<b>Filer:</b>	Kenneth K. Vu/Gina Golia
<b>Filer Authorized By:</b>	Kenneth K. Vu
<b>Attorney Docket Number:</b>	000252C1
<b>Receipt Date:</b>	11-FEB-2009
<b>Filing Date:</b>	26-MAR-2004
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	000252C1_2009-01-20_SIDS_SIGNED.pdf	1271527	no	4
			ca4011bc0fcfd30eb39d3088aabd8fe		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	Foreign Reference	EP0869623.pdf	8180992	no	24
			94676955b372c2a7a00e0f5793752e972ed59e16		
Warnings:					
Information:					
3	Foreign Reference	WO00014921.pdf	903264	no	28
			ee0afb7afb40ed644e1e05276f430327e850a933		
Warnings:					
Information:					
4	Foreign Reference	WO00064073.pdf	1256413	no	27
			34694e1a9f0d67d31b13b1b6e5945c9bcdff0ddc5		
Warnings:					
Information:					
5	Fee Worksheet (PTO-06)	fee-info.pdf	29978	no	2
			e75867776abba2e00534a9a69d3c442d692b0b5f		
Warnings:					
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Total Files Size (in bytes):			11642174		

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**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

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**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

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